

WHAT IS CLAIMED IS:

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1. A document retrieval apparatus,  
comprising:

10 a query character string input unit that  
accepts an input of a query character string  
including a plurality of retrieval keywords;

a document select unit that selects one or  
more documents that match the query character string  
from a document database;

15 a retrieval result output unit that  
presents retrieval results of the selected documents  
to a user; and

a document output unit that presents the  
contents of one of the selected documents designated  
by the user;

20 wherein

the document output unit determines a  
manner in which the retrieval keywords are displayed  
in the presented one of the selected documents in  
accordance with a feature index indicating an extent  
25 to which each of the retrieval keywords has

contributed to the selection of the documents, and highlights the retrieval keywords in the determined manner.

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2. The document retrieval apparatus as claimed in claim 1,

10 wherein

the feature index corresponding to one of the retrieval keywords indicates the number of the selected documents including one of the retrieval keywords.

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3. The document retrieval apparatus as claimed in claim 1, further comprising:

a feature index/color table in which a corresponding relation of the feature index to a color is registered;

wherein

25 the document output unit determines the

color corresponding to the feature index of each retrieval keyword with reference to the feature index/color table, and displays the retrieval keyword using the determined color in a different manner from 5 a manner in which other words are displayed.

10                   4. The document retrieval apparatus as claimed in claim 1, further comprising:

                      a feature index/gray scale table in which a corresponding relation of the feature index to a gray scale of a color is registered;

15                   wherein

                      the document output unit determines the gray scale of the color corresponding to each feature index of the retrieval keyword with reference to the feature index/gray scale table, and displays the 20 retrieval keyword using the determined gray scale of the color in a different manner from a manner in which other words are displayed.

5. The document retrieval apparatus as  
claimed in claim 1, further comprising:

a feature index/type face table in which a  
5 corresponding relation of the feature index to a type  
face is registered;

wherein

the document output unit determines the  
type face corresponding to the feature index of each  
10 retrieval keyword with reference to the feature  
index/type face table, and displays the retrieval  
keyword using the determined type face in a different  
manner from a manner in which other words are  
displayed.

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6. The document retrieval apparatus as  
20 claimed in claim 5,

wherein

the type face includes at least one of font,  
size, and style of a character.

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7. The document retrieval apparatus as  
claimed in claim 1, further comprising:

5 a ranking unit that ranks the retrieval  
keywords included in the selected documents in  
accordance with a feature index indicating an extent  
to which each retrieval keyword has contributed to  
the selection of the selected documents;

10 wherein

the document output unit, when highlighting  
the retrieval keywords in the determined manner,  
displays the result of the ranking with the contents  
of one of the selected documents.

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8. A document retrieval apparatus,  
20 comprising:

a query character string input unit that  
accepts an input of a query character string  
including a plurality of retrieval keywords;

25 a document select unit that selects one or  
more documents that match the query character string

from a document database;

a retrieval result output unit that presents retrieval results of the selected documents to a user; and

5 a document output unit that presents the contents of one of the selected documents designated by the user;

wherein

the query character string input unit can  
10 accept an input of a word other than the retrieval keywords that is to be highlighted by the document output unit in the presented one of the selected documents.

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9. The document retrieval apparatus as claimed in claim 8,

20 wherein

the query character string input unit accepts a designation of a retrieval keyword that is not to be highlighted in the designated one of the selected documents.

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10. A document retrieval apparatus,  
5 comprising:  
a query character string input unit that  
accepts an input of a query character string  
including a plurality of retrieval keywords;  
a document select unit that selects one or  
10 more documents that match the query character string  
from a document database;  
a retrieval result output unit that  
presents retrieval results of the selected documents  
to a user; and  
15 a document output unit that presents the  
contents of one of the selected documents designated  
by the user;  
wherein  
one of the query character string input  
20 unit and the retrieval result output unit displays a  
list of the retrieval keywords used for the  
retrieval; and  
when one of the retrieval keywords in the  
list is selected, the document output unit scrolls  
25 the presented one of the selected documents up to a

place where the selected one of the retrieval keywords is first displayed.

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11. The document retrieval apparatus as claimed in claim 10,

wherein

10 when any one of the retrieval keywords included in the presented one of the selected documents is selected, the document output unit scrolls to a next place where the selected one of the retrieval keywords appears and displays the next 15 place.

20 12. The document retrieval apparatus as claimed in claim 10,

wherein

the document output unit can display position information that indicates a position of the 25 selected one of the retrieval keywords in the

presented one of the selected documents.

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13. A method of retrieving documents,  
comprising the steps of:

accepting an input of a query character  
string including a plurality of retrieval keywords;

10 selecting one or more documents that match  
the query character string from a document database;

presenting retrieval results of the  
selected documents to a user; and

presenting the contents of one of the  
15 selected documents designated by the user;

wherein

a manner in which the retrieval keywords  
are displayed in the presented one of the selected  
documents is determined in accordance with a feature

20 index indicating an extent to which each of the  
retrieval keywords has contributed to the selection  
of the documents, and the retrieval keywords are  
highlighted in the determined manner.

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14. The method as claimed in claim 13,  
wherein

5 the feature index corresponding to a  
retrieval keyword indicates a number of the selected  
documents including the retrieval keyword.

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15. The method as claimed in claim 13,  
wherein

a color corresponding to the feature index  
15 of each retrieval keyword is determined with  
reference to a feature index/color table in which a  
corresponding relation of the feature index to the  
color is registered, and the retrieval keyword is  
displayed using the determined color in a different  
20 manner from a manner in which other words are  
displayed.

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16. The method as claimed in claim 13,  
wherein

the document output unit determines a gray  
scale of a color corresponding to the feature index  
5 of each retrieval keyword with reference to a feature  
index/gray scale table in which a corresponding  
relation of the feature index to the gray scale of  
the color is registered, and the retrieval keyword is  
displayed using the determined gray scale of the  
10 color in a different manner from a manner in which  
other words are displayed.

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17. The document retrieval apparatus as  
claimed in claim 1,

wherein

a type face corresponding to the feature  
20 index of each retrieval keyword is determined with  
reference to a feature index/type face table in which  
a corresponding relation of the feature index to the  
type face is registered, and the retrieval keyword is  
displayed using the determined type face in a  
25 different manner from a manner in which other words

are displayed.

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18. The method as claimed in claim 17,  
wherein

the type face includes at least one of font,  
size, and style of a character.

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19. The method as claimed in claim 13,  
15 further comprising the step of:

ranking the retrieval keywords included in  
the selected documents in accordance with a feature  
index indicating an extent to which each retrieval  
keyword has contributed to the selection of the  
20 selected documents.

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20. A method of retrieving documents,

comprising the steps of:

accepting an input of a query character string including a plurality of retrieval keywords;

selecting one or more documents that match

5 the query character string from a document database;

presenting retrieval results of the selected documents to a user; and

presenting the contents of one of the selected documents designated by the user;

10 wherein

in the step of accepting an input of the query character string, an input of a word other than the retrieval keywords that is to be highlighted in the presented one of the selected documents can be

15 designated.

20 21. The method as claimed in claim 20,

wherein

a retrieval keyword that is not to be highlighted in the designated one of the selected documents can be designated.

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22. A method of retrieving documents,  
5 comprising the steps of:  
accepting an input of a query character  
string including a plurality of retrieval keywords;  
selecting one or more documents that match  
the query character string from a document database;  
10 presenting retrieval results of the  
selected documents to a user; and  
presenting the contents of one of the  
selected documents designated by the user;  
wherein  
15 a list of the retrieval keywords used for  
the retrieval is displayed; and  
when one of the retrieval keywords in the  
list is selected, the presented one of the selected  
documents is scrolled up to a place where the  
20 selected one of the retrieval keywords is first  
included.

23. The method as claimed in claim 22,  
wherein  
when any one of the retrieval keywords  
included in the presented one of the selected  
5 documents is selected, the document is scrolled to a  
next place where the selected one of the retrieval  
keywords appears, and the next place is displayed.

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24. The method as claimed in claim 22,  
wherein  
in the step of presenting one of the  
15 selected documents, position information that  
indicates a position of the selected one of the  
retrieval keywords in the presented one of the  
selected documents is displayed.

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25. A computer program that causes a  
computer to operate as the document retrieval  
25 apparatus as claimed in claim 1.

5           26. A computer readable recording medium  
          storing the computer program as claimed in claim 25.